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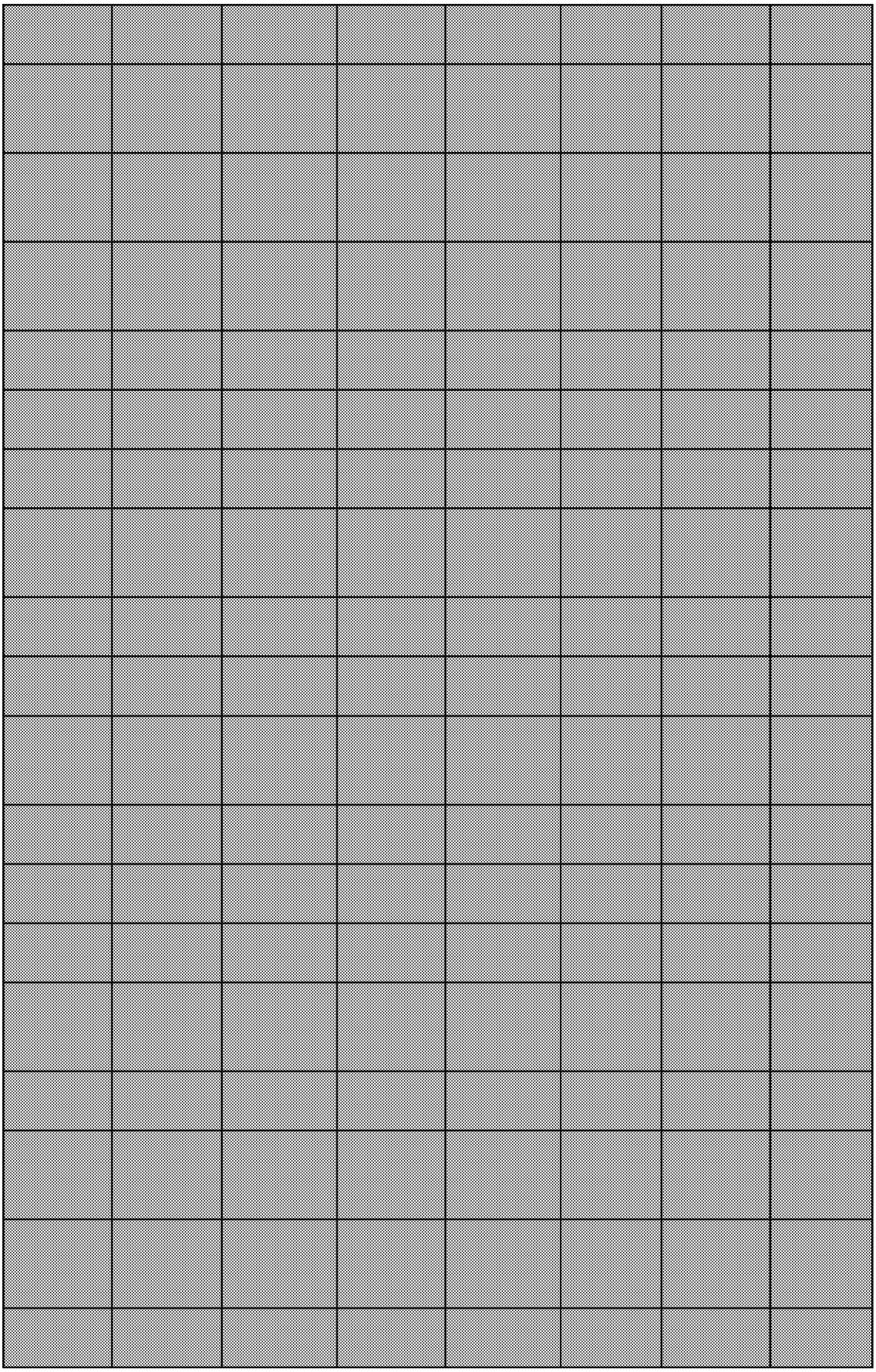

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As a result of a direct exchange with the external environment, the lungs are exposed to both iron and agents with a capa
This study aimed to investigate the beneficial effect of diphenyl diselenide (PhSe)(2) on paraquat (PQ) induced alteration
The present study was designed to assess the age-related changes of DNA single strand breaks (SSB) in the liver of senes
Protein S-glutathionation has been demonstrated to be one of the cellular responses under oxidative stress and may be i
PURPOSE: Oxidative injury is involved in retinal and macular degeneration. We aim to assess if retinal degeneration asso
The abilities of captopril and niacin to protect against the lung toxicity of paraquat (PQ) were studied. The anti-oxidative
Paraquat (PQ) induces lung, liver and kidney damage. Since PQ mainly is eliminated by the kidney, the kidney damage is
OBJECTIVE: To investigate the protective effect of curcumin (CU) on type II alveolar epithelial cells (A549 cells) during par
OBJECTIVE: To investigate the effect of curcumin on liver injury in rats induced by paraquat-mediated oxidative stress an
Biochemical and morphological studies of rat lung were performed to determine the role of lipid peroxidation in the in vi
Exposure to paraquat leads to acute lung injury and oxidative stress is widely accepted as a contributor to paraquat-indu
It is our hypothesis that as a consequence of increased oxidative stress, rats develop lung injury with increased cholester
Peroxiredoxin 6 (Prdx6) and cytosolic GSH peroxidase (GPx1), both GSH-dependent peroxidases, were compared for the
Under aquarium conditions, treatment with the herbicide paraquat (PQ) and with the insecticide methidation (MD) caus
ABSTRACT Cyanide (KCN) and paraquat (PQ) are very toxic to mitochondria. In this study the toxicity of KCN and PQ in th
Paraquat action on glutathione reductase activity and intratissue distribution in the liver of intact rats and also in the ani
A simple means of measuring of 8-hydroxyguanine (8-OHGua) levels in urine was developed. Rat and human urine samp
Nitric oxide (NO) reacts with superoxide to form the potent oxidant peroxynitrite, which causes serious cell damage. Inte

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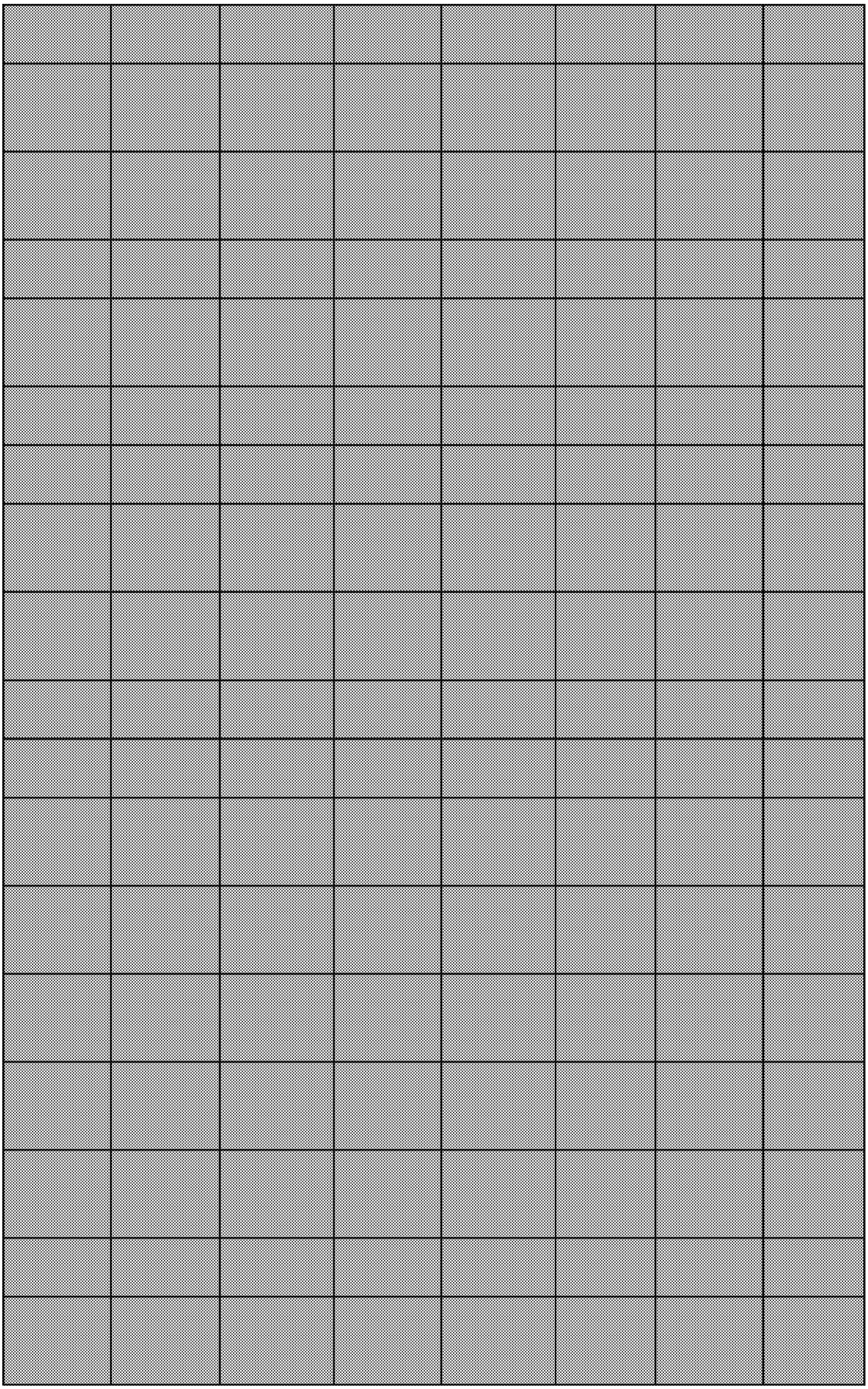

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An attempt has been made in the present report to evaluate quantitatively the sensory activity in both vagal nerves of co
OBJECTIVE: To investigate the change of oxidative stress and nuclear factor-kappaB (NF-kappaB) activity in acute paraqua
Paraquat causes lung injury by oxidative stress. After 48 h of intraperitoneal administration of paraquat (50 mg/kg of boc
The antioxidative role of Se-dependent cellular glutathione peroxidase (EC 1.11.1.9, GPX1) in vivo has not been establish
Paraquat, a widely used herbicide, is well known to exhibit oxidative stress and lung injury. In the present study, we inves
Paraquat (PQ) is a herbicide that is very toxic to all living organisms. It generates free radicals and leads to acute or chron
The aim of the present study was to show the abilities of captopril as a thiol ACEi (angiotensin converting enzyme inhibito
Paraquat (PQ) was administered intraperitoneally to male Wistar rats at a dose of 30 mg/kg. This dose caused mortality i
Oxidative stress is one of the major players in the pathogenesis of maneb (MB) and paraquat (PQ)-induced disorders. N-a
We attempted to determine whether betanin (from natural pigments) that has anti-oxidant properties would be protecti
The effects of natural pigment betanin on oxidative stress and inflammation in kidney of paraquat-treated rat were inves
This study was carried out to highlight the role of PPARgamma receptors and atorvastatin's protective effect on paraquat
The present study evaluated the protective effect of artificial sweetener neohesperidin dihydrochalcone (NHDC) against
CONTEXT: Paraquat (PQ) causes lethal intoxication by inducing oxidant injury to the lung. Selenium is a cofactor for gluta
BACKGROUND: Since phenolic compounds have been reported as effective antioxidants, this study was designed to asses
Thalidomide has been used in inflammatory and autoimmune disorders due to its anti-inflammatory activity. Paraquat (P
Although different treatment modalities have been implemented for pulmonary fibrosis, the results have not been prom
OBJECTIVE: To explore the pathogenesis of paraquat poisoning and observe the change in lipid peroxidation of rats treate

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